BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Measurement Sheet

1st and Final Bill

Item No: 1

Item Name: Atalanta suguna CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5 KV (20 stage) Complete as per the direction of Engineer in Charge with all lead and Lift.

	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Jalahalli Circle								
		3						3.00	
	Near samadi Pipeline Road								
		2						2.00	
								Total Qty Work Done	5.00 Cum
								Qty Payable in this bill	5.00 Cum

Contractor Representative

Assistant Engineer
Ward No 16

Asst.Executive Engineer
Yashwanthapura sub division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Item No: 2

Measurement Sheet
1st and Final Bill

Item Name: Providing and fixing in trenches galvinised/mild steel tube 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges,HOM of equipment and testing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift

CHAINAGE		NO	L	B	BI	Avg B	D	QTY	REMARKS
Land Mark			(m)	(m)	(m)	(m)	(m)		
Jalahalli Circle									
0.00	30.00	3	30.00					90.00	
30.00	60.00	3	30.00					90.00	
60.00	90.00	3	30.00					90.00	
90.00	120.00	3	30.00					90.00	Cum
120.00	150.00	3	30.00					90.00	Cum
150.00	180.00	3	30.00					90.00	
180.00	210.00	3	30.00					90.00	
210.00	240.00	3	30.00					90.00	
240.00	270.00	3	30.00					90.00	
270.00	300.00	3	30.00					90.00	
300.00	330.00	3	30.00					90.00	
330.00	348.00	3	18.00					54.00	
Near samadi Pipeline Road									
0.00	30.00	2	30.00					60.00	
30.00	60.00	2	30.00					60.00	
60.00	90.00	2	30.00					60.00	
90.00	120.00	2	30.00					60.00	
120.00	150.00	2	30.00					60.00	
150.00	180.00	2	30.00					60.00	
180.00	210.00	2	30.00					60.00	
210.00	240.00	2	30.00					60.00	
240.00	270.00	2	30.00					60.00	
270.00	300.00	2	30.00					60.00	
300.00	330.00	2	30.00					60.00	
330.00	353.00	2	23.00					46.00	
							Total Qty Work Done	**1750.00**	**Rmt**
							Qty Payable in this bill	**1750.00**	**Rmt**

Executive Engineer, Rajarajeshwari Zone, Bruhat Bangalore Mahanagara Palike

Contractor Representative

Assistant Engineer
Ward No 16

Asst Executive Engineer
Yashwanthapura sub division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Measurement Sheet

1st and Final Bill

Item No: 3

Item Name: Supplying and drawing 3 core flat PVC sheathed submersible pump cable maufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming to the attwached GTP of group A 3CX4.0 sq.mm Complete as per the direction of Engineer in Charge with all lead and Lift

CHAINAGE Land Mark		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
Jalahalli Circle									
0.00	30.00	5	30.00					150.00	
30.00	60.00	5	30.00					150.00	
60.00	90.00	5	30.00					150.00	
90.00	120.00	5	30.00					150.00	Cum
120.00	150.00	5	30.00					150.00	Cum
150.00	180.00	5	30.00					150.00	
180.00	210.00	5	30.00					150.00	
210.00	240.00	5	30.00					150.00	
240.00	270.00	5	30.00					150.00	
270.00	300.00	5	30.00					150.00	
300.00	330.00	5	30.00					150.00	
330.00	348.00	5	18.00					90.00	
Near samadi Pipeline Road									
0.00	30.00	5	30.00					150.00	
30.00	60.00	5	30.00					150.00	
60.00	90.00	5	30.00					150.00	
90.00	120.00	5	30.00					150.00	
120.00	150.00	5	30.00					150.00	
150.00	180.00	5	30.00					150.00	
180.00	210.00	5	30.00					150.00	
210.00	240.00	5	30.00					150.00	
240.00	270.00	5	30.00					150.00	
270.00	300.00	5	30.00					150.00	
300.00	330.00	5	30.00					150.00	
330.00	362.00	5	32.00					160.00	
							Total Qty Work Done	**3550.00**	**Rmt**
							Qty Payable in this bill	**3550.00**	**Rmt**

Contractor Representative

Assistant Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura sub division

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Measurement Sheet

1st and Final Bill

Item No:	4									
Item Name:	Providing and fixing in position 50mm Nominal bore non-return valve vertical type of approved make including cost of all materials,labour and HOM of equipment with all leads complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift									
	CHAINAGE		**NO**	**L**	**B**	**BI**	**Avg B**	**D**	**QTY**	**REMARKS**
	Land Mark			**(m)**	**(m)**	**(m)**	**(m)**	**(m)**		
	Jalahalli Circle									
			3						3.00	
	Near samadi Pipeline Road									
			2						2.00	
								Total Qty Work Done	**5.00**	**No's**
								Qty Payable in this bill	**5.00**	**No's**

Contractor Representative

Assistant Engineer
Ward No 16

Asst Executive Engineer
Yashwanthapura sub division
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Measurement Sheet

1st and Final Bill

Item No: 5

Item Name: Spplying and fixing 50mm GI Union. Complete as per the direction of Engineer in Charge with all lead and Lift

CHAINAGE		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
Land Mark									
Jalahalli Circle									
		3						3.00	
Near samadi Pipeline Road									
		2						2.00	
								5.00	No's
								5.00	No's

Total Qty Work Done

Qty Payable in this bill

Contractor Representative

Assistant Engineer
Ward No 16

Asst. Executive Engineer
Yashwanthapura sub division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Measurement Sheet
1st and Final Bill

Item No: 6

Item Name: Spplying and fixing 50mm GI Elbow. Complete as per the direction of Engineer in Charge with all lead and Lift

CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Jalahalli Circle	3						3.00	
Near samadi Pipeline Road	2						2.00	
						Total Qty Work Done	5.00	No's
						Qty Payable in this bill	5.00	No's

Contractor Representative

Assistant Engineer
Ward No 16

Asst Executive Engineer
Yashwanthapura sub division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Measurement Sheet
1st and Final Bill

Item No:	7								
Item Name:	Spplying and fixing 50mm GI Nipple. Complete as per the direction of Engineer in Charge with all lead and Lift								
	CHAINAGE Land Mark	NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
	Jalahalli Circle								
	Near samadi Pipeline Road	3						3.00	
		2						2.00	
							Total Qty Work Done	5.00	No's
							Qty Payable in this bill	5.00	No's

Contractor Representative

Assistant Engineer
Ward No 16

Asst.Executive Engineer
Yashwanthapura sub division
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Measurement Sheet
1st and Final Bill

Item No: 8

Item Name: Spplying and fixing 50mm GI Hose colleres Complete as per the direction of Engineer in Charge with all lead and Lift

CHAINAGE		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Land Mark									
Jalahalli Circle		150						150.00	
Near samadi Pipeline Road		140						140.00	
							Total Qty Work Done	290.00	No's
							Qty Payable in this bill	290.00	No's

Contractor Representative

Assistant Engineer
Ward No 16

Asst.Executive Engineer
Yashwanthapura sub division
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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Measurement Sheet
1st and Final Bill

Item No: 9

Item Name: Supplying and fixing 20" x 20" x 2.5" polished wood board made of not less than 15mm thick plank on both the sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., Complete as per the direction of Engineer in Charge with all lead and Lift

CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Jalahalli Circle								
	3						3.00	
Near samadi Pipeline Road								
	2						2.00	
						Total Qty Work Done	5.00	No's
						Qty Payable in this bill	5.00	No's

Contractor Representative

Assistant Engineer
Ward No 16

Asst.Executive Engineer
Yashwanthapura sub division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Measurement Sheet
1st and Final Bill

Item No:	10									
Item Name:	Supplying and fixing miniature circuit breakers on existing MCB distribution board using necessary fixing materials and 'C' type curve indicator ON/OFF energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. Complete as per the direction of Engineer in Charge with all lead and Lift									
	CHAINAGE		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS
	Land Mark									
	Jalahalli Circle		3						3.00	
	Near samadi Pipeline Road		2						2.00	
								Total Qty Work Done	5.00	No's
								Qty Payable in this bill	5.00	No's

Contractor Representative

Assistant Engineer
Ward No 16

Asst.Executive Engineer
Yashwanthapura sub division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Measurement Sheet

1st and Final Bill

Item No:	11	
Item Name:	Supplying of TPST with rewirable porcelain channels in SM encloser made out of 14 SWG powder coated point of approved colour 32 amps Complete as per the direction of Engineer in Charge with all lead and Lift.	

	CHAINAGE	NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)	(m)	(m)		
	Jalahalli Circle								
		3						3.00	
	Near samadi Pipeline Road								
		2						2.00	
								5.00	No's
								5.00	No's

Total Qty Work Done

Qty Payable in this bill

Contractor Representative

Assistant Engineer
Ward No 16

Asst.Executive Engineer
Yashwanthapura sub division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Measurement Sheet
1st and Final Bill

Item No:	12									
Item Name:	Supplying and fixing LED type panel board indicating lamp with required colour suitable for 220 V AC 50 HZ 12/24 V DC Complete as per the direction of Engineer in Charge with all lead and Lift									
	CHAINAGE		NO	L	B	BI	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	Jalahalli Circle									
			3						3.00	
	Near samadi Pipeline Road									
			2						2.00	
								Total Qty Work Done	5.00	No's
								Qty Payable in this bill	5.00	No's

Contractor Representative

Assistant Engineer
Ward No 16

Asst.Executive Engineer
Yashwanthapura sub division

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Measurement Sheet
1st and Final Bill

Item No: 13

Item Name: Suppling fully automatic star delta starter unit push button type with suitable wires 2 conductors and adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts phase and wired after fixing to the existing wooden board for motor. upto 12.5HP Complete as per the direction of Engineer in Charge with all lead and Lift

CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Jalahalli Circle								
	3						3.00	
Near samadi Pipeline Road								
	2						2.00	
						Total Qty Work Done	5.00	No's
						Qty Payable in this bill	5.00	No's

Contractor Representative

Assistant Engineer
Ward No 16

Asst.Executive Engineer
Yashwanthapura sub division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Measurement Sheet

1st and Final Bill

Item No:	14	
Item Name:	Supplying and fixing single phase preventer using necessary wires over an existing panel board suitable for motar up to 20 HP capacities. Complete as per the direction of Engineer in Charge with all lead and Lift	

CHAINAGE		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Land Mark									
Jalahalli Circle									
		3						3.00	
Near samadi Pipeline Road									
		2						2.00	
								5.00	No's
								5.00	No's

Total Qty Work Done

Qty Payable in this bill

Contractor Representative

Assistant Engineer
Ward No 16

Asst.Executive Engineer
Yashwanthapura sub division

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Maintenance of Borewells and RO plants In Ward No 16

Measurement Sheet
1st and Final Bill

Item No: 15

Item Name: Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade multistrand copper conductor single core wire in open or concealed system of wiring as per IS 694:1990 & conforming to the attached GTP of group A. 4 sqmm Complete as per the direction of Engineer in Charge with all lead and Lift

	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	Jalahalli Circle									
	0.00	20.00	3	20.00					60.00	
	Near samadi Pipeline Road									
	0.00	20.00	2	20.00					40.00	
								Total Qty Work Done	100.00	No's
								Qty Payable in this bill	100.00	No's

Contractor Representative

Assistant Engineer
Ward No 16

Asst.Executive Engineer
Yashwanthapura sub division
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